PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

on Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449APTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

	Complete if Known
Application Number	10/663,402
Filing Date	September 16, 2003
First Named Inventor	Farnworth et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	2269-5595US (01-0088.00/US)

			U.S. PATENT D	OCUMENTS		
Examiner	Cha	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant	
Examiner Cite Initials • No.	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear		
11		US-6,202,292	03/20/2001	Farnworth et al.		
		US-				
		US-				
		US-				
-		US-				
		US-				
		US-				
		US-	[
		US-				
		US-				
		US-				
	l .	US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-	-			
		US-				

		FOREIGN P	ATENT DOCU	MENTS	. -	
Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.'	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁴
	-					
					 	
	ļ		.		 	

Examiner Signature	V Cha	Date Considered	12/6/05

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspio.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

2269-5595US (01-0088 00/US)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number 10/663,402

Filing Date September 16, 2003

First Named Inventor Farnworth et al.

Group Art Unit Unknown

Examiner Name Unknown

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner nitials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ2
2	_	"3M Light Cure Adhesive for Electronics, Products and Specifications," 2000, 2 pages.	
		"3M Light Cure Adhesives," date unknown, 1 page.	
		3MTM Light Cure Adhesives," http://www.3m.com/us/mfg_industrial/adhesives/html/light_cure.jhtml, 2003, 1 page.	
		"ICROS Tape," http://www.mutsuichemicals.com/icr.htm, 2002, 1 page.	
		"ICROS Tape, Characteristics," http://www.mutsuichemicals.com/icr_cha.htm, 2002, 1 page.	
1	_	"Locations, Mitsui Chemicals America, Inc.," http://www.mitsuichemicals.com/loc.htm, 2002, 1 page.	
	-		

Examiner	11 0100	Date	15///
Signature	11/1/8/	Considered	12/0/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Participant Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449APTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Complete if Known Application Number 10/663,402 Filing Date September 16, 2003 First Named Inventor Farnworth et al. Group Art Unit 1762 Examiner Name Unknown

(use as many sheets as necessary)

| Sheet | 1 | of | 3 | Attorney Docket Number | 5595US (01-0088.00/US)

U.S. PATENT DOCUMENTS							
F	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant		
Examiner Initials *	No.	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear		
n		US-6,251,488	08/26/01	Miller et al.			
1		US- 6,259,962	07/10/01	Gothait			
$\neg \tau$		US- 6,268,584	07/31/01	Keicher et al.			
$\neg \tau$		US- 6,391,251	05/21/02	Keicher et al.			
		US- 6,482,576	11/19/02	Farnworth et al.			
T		US- 6,544,465	04/08/03	Farnworth et al.			
\neg		US- 6,544,902	04/08/03	Famworth			
,		US- 6,549,821	04/15/03	Farnworth et al.			
2_	1	US- 6,607,689	08/19/03	Famworth			
		US-		, ,			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
	1	US-					
	1	US-	<u> </u>				

	FOREIGN PATENT DOCUMENTS								
Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,					
No. ¹	Country Code ³ - Number ⁴ - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶				
		1							
									
		4							
		- 							
	lo. I	Io. 1 Country Code ³ - Number ⁴ - Kind Code ³ (if known)			To the state of th				

Examiner Signature	1/	CARN	Date Considered	12/6/15
				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

work Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute fo	r form 1449A/PTO			Complete if Known			
INFORMATION DISCLOSURE		Application Number	10/663,402				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	September 16, 2003				
		First Named Inventor	Farnworth et al.				
				Group Art Unit	1762		
	(use as many sh	eeis as i	necessary)	Examiner Name	Unknown		
Sheet	2	of	3	Attorney Docket Number	\$595LIS (01-0088 00/LIS)		

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
14		U.S. Patent Application Publication 2002/0171177 A1 to Kritchman et al., dated November 21, 2002	
		U.S. Patent Application Publication 2002/0195748 A1 to Farnworth, dated December 26, 2002	
		U.S. Patent Application Publication 2003/0003179 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication 2003/0003180 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication 2003/0003380 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication 2003/0003405 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication 2003/0043360 A1 to Farnworth, dated March 6, 2003	
		U.S. Patent Application Publication 2003/0068584 A1 to Farnworth et al., dated April 10, 2003	
		U.S. Patent Application Publication 2003/0093173 A1 to Farnworth et al., dated May 15, 2003	
		U.S. Patent Application Publication 2003/0151167 A1 to Kritchman et al., dated August 14, 2003	
2		U.S. Patent Application Publication 2003/0155693 A1 to Farnworth et al., dated August 21, 2003	

Examiner Signature	1 CHEW	Date Considered	12/6/	55

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B(10-01)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Approved for use through 10/31/2002. OMB 0651-0031

Substitute fo	r form 1449A/PTO			Complete if Known		
TATE OF		NI DYO	OI OOUDE	Application Number	10/663,402	
			CLOSURE	Filing Date	September 16, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Farnworth et al.	
				Group Art Unit	1762	
	(use as many si	hee is as ned	cessary)	Examiner Name	Unknown	
Sheet	3	Λf	3	Attomey Docket Number	5595US (01-0088 00/US)	

Examiner nitials •	Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published.					
u		U.S. Patent Application Publication 2003/0205849 A1 to Farmworth, dated November 6, 2003				
}		U.S. Patent Application Publication 2003/0207213 A1 to Farnworth, dated November 6, 2003				
		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22				
\top		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16				
		Webpage, Objet Prototyping the Future, "Objet FullCure700 Series", I page				
		Webpage, Objet Prototyping the Future, "How it Works", 2 pages				
本		U.S. Patent Application No. 10/672,098, filed September 26, 2003, entitled "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth				
		•				

Examiner Signature	1 CHEN	Date Considered	12/6/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

O1PE 28 NOV 2 1 2005

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Index the security of Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Document Number

Debication Data

Name of Patentee or Applicant of

		Document Number		Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
ixaminer nitials *	Cite No. ¹	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Cited Document		
<u>~~</u>		US-5,287,435	2/15/1994	Cohen et al.		
		ÙS- 5,482,659	1/9/1996	Sauerhoefer		
L		US- 5,508,489	4/16/1996	Benda et al.		
		US- 6,021,358	2/1/2000	Sachs		
		US- 6,158,348	12/12/2000	Zhang		
		US- 6,337,122	1/8/2002	Grigg et al.		
		US- 6,483,596	· 11/19/2002	Philippi et al.		
		US- 2002/0090410	7/11/2002	Tochimoto et al.		
		US- 2003/0173713	9/18/2003	Huang		
ac		US- 2004/0251242	12/16/2004	Suh	· · · · · · · · · · · · · · · · · · ·	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

Examiner Cite No.1	Cite	Foreign Patent Document			Pages, Columns, Lines,	
	Country Code ³ - Number ⁴ - Kind Code ³ (If known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Té	
re	ļ	JP56151516	11/24/1981	Hitachi Ltd		х
		JP08150662	6/11/1996	Olympus Optical Co. Ltd.		х
	<u> </u>	WO 97/17664	5/15/1997	Sanders Prototypes, Inc.		
		JP2000263603	9/26/2000	NEC Corp.		X
1		DE19952998	5/17/2001	Horst et al.		Х
				· · · · · · · · · · · · · · · · · · ·		

			······································
Examiner Signature	VOJAA	Date Considered	12/6/05

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

11-21-2005

PTO/SB/08B(10-01)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute fo	r form 1449A/PT0	D		Complete if Known		
DIEO	DRAATIO	NI DICA	or Acres	Application Number	10/663,402	
			CLOSURE	Filing Date	September 16, 2003	
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Farnworth et al.	
				Group Art Unit	2929	
(use as many sheets as necessary)				Examiner Name	V. Chen	
Sheet	2	of	2	Attorney Docket Number	2269-5595US (01-0088/US)	

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
To the same of the		European Search Report dated August 17, 2005 (5 pages).				
 . -						
<u> </u>						
·						
-						

Examiner	94 (.45.4	Date	12/
Signature	LI (DEN	Considered	16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.